

AUTOMATED DETERMINATION AND ANALYSIS OF BONE MORPHOLOGY**Publication number:** WO9406351**Publication date:** 1994-03-31**Inventor:** MAZESS RICHARD B (US)**Applicant:** LUNAR CORP (US); MAZESS RICHARD B (US)**Classification:**

- international: **A61B6/00; A61B6/03; G01T1/163; G01V5/00;**
A61F2/00; A61F2/28; A61F2/32; A61F2/44; **A61B6/00;**
A61B6/03; G01T1/00; G01V5/00; A61F2/00; A61F2/28;
A61F2/32; A61F2/44; (IPC1-7): A61B6/00; A61B6/03

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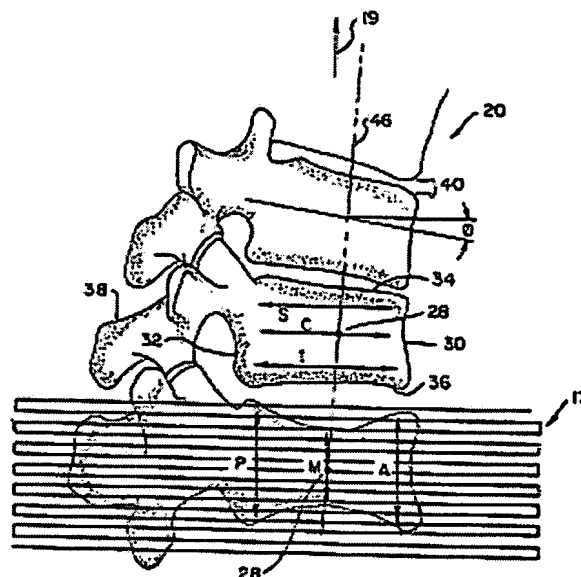
Priority number(s): US19930067651 19930526; US19920862096 19920402;
US19920944626 19920914; US19910655011 19910213

Cited documents:

US5228068
EP0411155
US5172695
US4961425
GB2098425

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A method for automatically analyzing the morphometry of bone (20, 21) from data obtained by lateral digital scans of the bone (20, 21) obtains a matrix of data values assembled from an x-ray scan. The matrix is analyzed to locate an axis of the bone from which subsequent measures may be referenced. Once the axis is fixed, one or more of several useful indicia of bone condition such as length or interbone spacing can be calculated.



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